



Author index

Volume 77 (1995)

Ahmed, M.K. 77, 193
Alaiz, M. 77, 217
Amidon, B. 77, 131

Bagby, M.O. 77, 187
Banerjee, P. 77, 65
Barragán, S. 77, 217
Bhattacharya, S. 77, 13
Brocca, P. 77, 41
Buse, J.T. 77, 65

Cantu, L. 77, 41
Castle, C.K. 77, 51
Chen, Q. 77, 25

Das, R.M. 77, 193
Dawson, G. 77, 65
de la Maza, A. 77, 79
Denike, J.K. 77, 261
Diehl, B.W.K. 77, 147
Duclos, R.I. 77, 99

Epps, D.E. 77, 51

Fell, A. 77, 25
Ferretti, A. 77, 33
Flanagan, V.P. 77, 33

Hannemann, K. 77, 113
Harris, J.S. 77, 51
Heinz, E. 77, 147
Herbette, L.G. 77, 99
Herling, H. 77, 147

Herrmann, A. 77, 139
Hidalgo, F.J. 77, 1
Janas, T. 77, 89
Janas, T. 77, 89
Joo, J.B. 77, 65
Jürgens, G. 77, 25

Knells, G. 77, 193
Knothe, G. 77, 187

Lacombe, J.-M. 77, 225
Lam, C.C. 77, 155
Lam, J.C.C. 77, 187
Ledinski, G. 77, 25
Lie Ken Jie, M.S.F. 77, 155, 179, 187
Loidl-Stahlhofen, A. 77, 113

Makriyannis, A. 77, 99
Mantsch, H.H. 77, 193
Marschke, C.K. 77, 51
Masserini, M. 77, 253
Miyajima, K. 77, 121
Moll, T.S. 77, 51
Moring, J. 77, 99
Moskova, M. 77, 261
Müller, P. 77, 139

Omodeo-Salè, M.F. 77, 253
Oulton, M.R. 77, 193

Palestini, P. 77, 253
Paltauf, F. 77, 25
Parra, J.L. 77, 79

Pavia, A.A. 77, 225
Pitto, M. 77, 253
Polidori, A. 77, 225
Pomorski, T. 77, 139
Pucci, B. 77, 225

Ragunathan, K.G. 77, 13
Rahmatullah, M.S.K.S. 77, 179
Reiss, J.G. 77, 225
Riedl, I. 77, 147

Santaella, C. 77, 173
Schmitt, J.D. 77, 131
Scott, J.E. 77, 193
Sonino, S. 77, 41, 253
Spiteller, G. 77, 113

Tanikawa, S. 77, 121
Ulrich, R.G. 77, 51
Vierling, P. 77, 173

Waite, M. 77, 131
Wykle, R.L. 77, 131

Xie, X. 77, 99

Zachowski, A. 77, 139
Zamora, R. 77, 1
Zarif, L. 77, 225
Zhang, J.-H. 77, 99
Zhu, X.X. 77, 261
Zimmermann, B. 77, 139



Subject index

Volume 77 (1995)

Acetylenic; $^1\text{H-NMR}$; Saturated; (*Z*)-ethylenic; (*E*)-ethylenic; Unsaturated; Triacylglycerols; Triglycerides 77, 155

Amino acids; Synthetic glycolipids; Amphiphiles; Telomers; Vesicles; Fibers; Tubules; Electron microscopy 77, 225

Amphiphiles; Synthetic glycolipids; Amino acids; Telomers; Vesicles; Fibers; Tubules; Electron microscopy 77, 225

Anomalous derivatizations; 11-dehydrothromboxane \mathbf{B}_2 ; Thromboxane metabolite; Chemical behavior; Electron ionization; Mass spectrometry 77, 33

Antioxidants; Low density lipoprotein; LDL; Lipid peroxidation; Plasmalogens 77, 25

Bile acids; Stereoselective synthesis; Cholic acid derivatives 77, 261

Bovine serum albumin; *E*-2-octenal; Interactions; Lipid peroxidation 77, 217

Carbonyl-amine reactions; Long-chain pyrrole fatty esters; Long-chain furanoid fatty acids; Oxidized lipids/amino acids reactions; Lipid peroxidation products; Non-enzymatic browning reactions 77, 1

Ceramide; Polymorphism; Cholesterol-3-sulfate; Hydrogen bond 77, 121

Chemical behavior; 11-dehydrothromboxane \mathbf{B}_2 ; Thromboxane metabolite; Anomalous derivatizations; Electron ionization; Mass spectrometry 77, 33

Chloroform gel; Serine amphiphiles; Histidine amphiphiles; 1-*yne* moiety; Helical ribbons; Tubules; Multilamellar spherical structures 77, 13

Cerosterol-3-sulfate; Ceramide; Polymorphism; Hydrogen bond 77, 121

Cholesteryl ester transfer protein; Lipid transfer protein; Continuous recording fluorescence assay; Microemulsions; Donor/acceptor Apolipoproteins 77, 51

Cholic acid derivatives; Stereoselective synthesis; Bile acids 77, 261

$^{13}\text{C-NMR}$ spectroscopy; Rational functions; Triacylglycerols; Unsaturation 77, 187

Continuous recording fluorescence assay; Cholesteryl ester transfer protein; Lipid transfer protein; Microemulsions; Donor/acceptor Apolipoproteins 77, 51

Crystal structure; (*1R,4R,5S*)-4-heptadecyl-3,6,8-trioxabicyclo[3.2.1]octane; (*1R,4S,5S*)-4-heptadecyl-3,6,8-trioxabicyclo[3.2.1]octane; X-ray; Molecular packing; Nonionic amphiphile 77, 99

11-dehydrothromboxane \mathbf{B}_2 ; Thromboxane metabolite; Chemical behavior; Anomalous derivatizations; Electron ionization; Mass spectrometry 77, 33

Digalactosyl diacylglycerol; Monogalactosyl diacylglycerol; Sulfoquinovosyl diacylglycerol; *sn*-1/*sn*-2 position; Hexadecatrienoic acid; Octadecatetraenoic acid 77, 147

Dithionite; Phospholipid asymmetry; Transverse movement; Fluorescence assay 77, 139

Donor/acceptor Apolipoproteins; Cholesteryl ester transfer protein; Lipid transfer protein; Continuous recording fluorescence assay; Microemulsions 77, 51

Electron ionization; 11-dehydrothromboxane \mathbf{B}_2 ; Thromboxane metabolite; Chemical behavior; Anomalous derivatizations; Mass spectrometry 77, 33

Electron microscopy; Synthetic glycolipids; Amino acids; Amphiphiles; Telomers; Vesicles; Fibers; Tubules 77, 225

Effective surfactant/phospholipid molar ratios; omide surfactants; Interaction liposome/decyl, dodecyl and tetradecyl-pyridinium bromide surfactants; Light-scattering changes; Light-scattering changes; Partition coefficients 77, 79

(*E*)-ethylenic; $^1\text{H-NMR}$; Saturated; Acetylenic; (*Z*)-ethylenic; Unsaturated; Triacylglycerols; Triglycerides 77, 155

(Z)-ethylenic; $^1\text{H-NMR}$; Saturated; Acetylenic; (*E*)-ethylenic; Unsaturated; Triacylglycerols; Triglycerides 77, 155

Fatty ester; 1-Pyrroline; *N*-substituted pyrrolinium; *N*-substituted pyrrolidine 77, 179

Fibers; Synthetic glycolipids; Amino acids; Amphiphiles; Telomers; Vesicles; Tubules; Electron microscopy 77, 225

Fluidity; Fluorinated phosphatidylcholine; Membrane; Liposome; Mobility; Fluorescence anisotropy 77, 173

Fluorescence anisotropy; Fluorinated phosphatidylcholine; Membrane; Liposome; Fluidity; Mobility 77, 173

Fluorescence assay; Phospholipid asymmetry; Transverse movement; Dithionite 77, 139

Fluorinated phosphatidylcholine; Membrane; Liposome; Fluidity; Mobility; Fluorescence anisotropy 77, 173

Ganglioside aggregates; Gangliosides; Ganglioside derivatives; Light-scattering; NMR 77, 41

Ganglioside derivatives; Gangliosides; Ganglioside aggregates; Light-scattering; NMR 77, 41

Ganglioside GM3; Pyrene; Transfer 77, 253

Gangliosides; Ganglioside derivatives; Ganglioside aggregates; Light-scattering; NMR 77, 41

Helical ribbons; Serine amphiphiles; Histidine amphiphiles; 1-yne moiety; Chloroform gel; Tubules; Multilamellar spherical structures 77, 13

(1*R*,*4R*,*5S*)-4-heptadecyl-3,6,8-trioxabicyclo[3.2.1]octane; (1*R*,*4S*,*5S*)-4-heptadecyl-3,6,8-trioxabicyclo[3.2.1]octane; X-ray; Crystal structure; Molecular packing; Nonionic amphiphile 77, 99

(1*R*,*4S*,*5S*)-4-heptadecyl-3,6,8-trioxabicyclo[3.2.1]octane; (1*R*,*4R*,*5S*)-4-heptadecyl-3,6,8-trioxabicyclo[3.2.1]octane; X-ray; Crystal structure; Molecular packing; Nonionic amphiphile 77, 99

Hexadecatrienoic acid; Monogalactosyl diacylglycerol; Di-galactosyl diacylglycerol; Sulfoquinovosyl diacylglycerol; *sn*-1/*sn*-2 position; Octadecatetraenoic acid 77, 147

Histidine amphiphiles; Serine amphiphiles; 1-yne moiety; Chloroform gel; Helical ribbons; Tubules; Multilamellar spherical structures 77, 13

$^1\text{H-NMR}$; Saturated; Acetylenic; (*Z*)-ethylenic; (*E*)-ethylenic; Unsaturated; Triacylglycerols; Triglycerides 77, 155

Hydrogen bond; Ceramide; Polymorphism; Cholesterol-3-sulfate 77, 121

(n-1)-Hydroxy-n-oxo acids; Oxidative stress; Short-chain α -hydroxyaldehydes; Quantification 77, 113

Infrared spectroscopy; Surfactant; Lung 77, 193

Interaction liposome/decyl, dodecyl and tetradecyl-pyridinium bromide surfactants; Liposome solubilization; Light-scattering changes; Effective surfactant/phospholipid molar ratios; Partition coefficients 77, 79

Interactions; Bovine serum albumin; *E*-2-octenal; Lipid peroxidation 77, 217

LDL; Low density lipoprotein; Lipid peroxidation; Plasmalogens; Antioxidants 77, 25

Light-scattering; Gangliosides; Ganglioside derivatives; Ganglioside aggregates; NMR 77, 41

Light-scattering changes; Liposome solubilization; Interaction liposome/decyl, dodecyl and tetradecyl-pyridinium bromide surfactants; Effective surfactant/phospholipid molar ratios; Effective surfactant/phospholipid molar ratios; Partition coefficients 77, 79

Lipid peroxidation; Bovine serum albumin; *E*-2-octenal; Interactions 77, 217

Lipid peroxidation; Low density lipoprotein; LDL; Plasmalogens; Antioxidants 77, 25

Lipid peroxidation products; Long-chain pyrrole fatty esters; Long-chain furanoid fatty acids; Carbonyl-amine reactions; Oxidized lipids/amino acids reactions; Non-enzymatic browning reactions 77, 1

Lipid transfer protein; Cholesteryl ester transfer protein; Continuous recording fluorescence assay; Microemulsions; Donor/acceptor Apolipoproteins 77, 51

Liposome; Fluorinated phosphatidylcholine; Membrane; Fluidity; Mobility; Fluorescence anisotropy 77, 173

Liposome solubilization; Interaction liposome/decyl, dodecyl and tetradecyl-pyridinium bromide surfactants; Light-scattering changes; Light-scattering changes; Effective surfactant/phospholipid molar ratios; Partition coefficients 77, 79

Long-chain furanoid fatty acids; Long-chain pyrrole fatty esters; Carbonyl-amine reactions; Oxidized lipids/amino acids reactions; Lipid peroxidation products; Non-enzymatic browning reactions 77, 1

Long-chain pyrrole fatty esters; Long-chain furanoid fatty acids; Carbonyl-amine reactions; Oxidized lipids/amino acids reactions; Lipid peroxidation products; Non-enzymatic browning reactions 77, 1

Low density lipoprotein; LDL; Lipid peroxidation; Plasmalogens; Antioxidants 77, 25

Lung; Surfactant; Infrared spectroscopy 77, 193

Mass spectrometry; 11-dehydrothromboxane B₂; Thromboxane metabolite; Chemical behavior; Anomalous derivatizations; Electron ionization 77, 33

Membrane; Fluorinated phosphatidylcholine; Liposome; Fluidity; Mobility; Fluorescence anisotropy 77, 173

Membrane capacitance; Membrane permeability; Membrane stability; Phospholipid bilayer; Transmembrane electrical potential; Undecaprenyl phosphate 77, 89

Membrane permeability; Membrane capacitance; Membrane stability; Phospholipid bilayer; Transmembrane electrical potential; Undecaprenyl phosphate 77, 89

Membrane stability; Membrane capacitance; Membrane permeability; Phospholipid bilayer; Transmembrane electrical potential; Undecaprenyl phosphate 77, 89

Microemulsions; Cholesteryl ester transfer protein; Lipid transfer protein; Continuous recording fluorescence assay; Donor/acceptor Apolipoproteins 77, 51

Mobility; Fluorinated phosphatidylcholine; Membrane; Liposome; Fluidity; Fluorescence anisotropy 77, 173

Molecular packing; (1R,4R,5S)-4-heptadecyl-3,6,8-trioxabicyclo[3.2.1]octane; (1R,4S,5S)-4-heptadecyl-3,6,8-trioxabicyclo[3.2.1]octane; X-ray; Crystal structure; Nonionic amphiphile 77, 99

Monogalactosyl diacylglycerol; Digalactosyl diacylglycerol; Sulfoquinovosyl diacylglycerol; sn-1/sn-2 position; Hexadecatrienoic acid; Octadecatetraenoic acid 77, 147

Multilamellar spherical structures; Serine amphiphiles; Histidine amphiphiles; 1-yne moiety; Chloroform gel; Helical ribbons; Tubules 77, 13

NMR; Gangliosides; Ganglioside derivatives; Ganglioside aggregates; Light-scattering 77, 41

Non-enzymatic browning reactions; Long-chain pyrrole fatty esters; Long-chain furanoid fatty acids; Carbonyl-amine reactions; Oxidized lipids/amino acids reactions; Lipid peroxidation products 77, 1

Nonionic amphiphile; (1R,4R,5S)-4-heptadecyl-3,6,8-trioxabicyclo[3.2.1]octane; (1R,4S,5S)-4-heptadecyl-3,6,8-trioxabicyclo[3.2.1]octane; X-ray; Crystal structure; Molecular packing 77, 99

Octadecatetraenoic acid; Monogalactosyl diacylglycerol; Digalactosyl diacylglycerol; Sulfoquinovosyl diacylglycerol; sn-1/sn-2 position; Hexadecatrienoic acid 77, 147

E-2-octenal; Bovine serum albumin; Interactions; Lipid peroxidation 77, 217

Oxidative stress; Short-chain α -hydroxyaldehydes; Quantification; (n-1)-Hydroxy-n-oxo acids 77, 113

Oxidized lipids/amino acids reactions; Long-chain pyrrole fatty esters; Long-chain furanoid fatty acids; Carbonyl-amine reactions; Lipid peroxidation products; Non-enzymatic browning reactions 77, 1

Partition coefficients; Liposome solubilization; Interaction liposome/decyl, dodecyl and tetradecyl-pyridinium bromide surfactants; Light-scattering changes; Light-scattering changes; Effective surfactant/phospholipid molar ratios 77, 79

Phosphatidylglycerol; Phospholipids; Radiosynthesis; Tritiation 77, 131

Phospholipid asymmetry; Transverse movement; Fluorescence assay; Dithionite 77, 139

Phospholipid bilayer; Membrane capacitance; Membrane permeability; Membrane stability; Transmembrane electrical potential; Undecaprenyl phosphate 77, 89

Phospholipid bilayer; Membrane capacitance; Membrane permeability; Membrane stability; Transmembrane electrical potential; Undecaprenyl phosphate 77, 89

Phospholipids; Radiosynthesis; Phosphatidylglycerol; Tritiation 77, 131

Plasmalogens; Low density lipoprotein; LDL; Lipid peroxidation; Antioxidants 77, 25

Polymorphism; Ceramide; Cholesterol-3-sulfate; Hydrogen bond 77, 121

Pyrene; Ganglioside GM3; Transfer 77, 253

1-Pyrroline; Fatty ester; N-substituted pyrrolinium; N-substituted pyrrolidine 77, 179

Quantification; Oxidative stress; Short-chain α -hydroxyaldehydes; (n-1)-Hydroxy-n-oxo acids 77, 113

Radiosynthesis; Phospholipids; Phosphatidylglycerol; Tritiation 77, 131

Rational functions; ¹³C-NMR spectroscopy; Triacylglycerols; Unsaturation 77, 187

Saturated; $^1\text{H-NMR}$; Acetylenic; (*Z*)-ethylenic; (*E*)-ethylenic; Unsaturated; Triacylglycerols; Triglycerides 77, 155

Serine amphiphiles; Histidine amphiphiles; 1-yne moiety; Chloroform gel; Helical ribbons; Tubules; Multilamellar spherical structures 77, 13

Short-chain α -hydroxyaldehydes; Oxidative stress; Quantification; (*n*-1)-Hydroxy-*n*-oxo acids 77, 113

sn-1/sn-2 position; Monogalactosyl diacylglycerol; Digalactosyl diacylglycerol; Sulfoquinovosyl diacylglycerol; Hexadecatrienoic acid; Octadecatetraenoic acid 77, 147

Stereoselective synthesis; Cholic acid derivatives; Bile acids 77, 261

N-substituted pyrrolidine; Fatty ester; 1-Pyrroline; *N*-substituted pyrrolinium 77, 179

N-substituted pyrrolinium; Fatty ester; 1-Pyrroline; *N*-substituted pyrrolidine 77, 179

Sulfoquinovosyl diacylglycerol; Monogalactosyl diacylglycerol; Digalactosyl diacylglycerol; *sn*-1/*sn*-2 position; Hexadecatrienoic acid; Octadecatetraenoic acid 77, 147

Surfactant; Infrared spectroscopy; Lung 77, 193

Synthetic glycolipids; Amino acids; Amphiphiles; Telomers; Vesicles; Fibers; Tubules; Electron microscopy 77, 225

Telomers; Synthetic glycolipids; Amino acids; Amphiphiles; Vesicles; Fibers; Tubules; Electron microscopy 77, 225

Thromboxane metabolite; 11-dehydrothromboxane B₂; Chemical behavior; Anomalous derivatizations; Electron ionization; Mass spectrometry 77, 33

Transfer; Pyrene; Ganglioside GM3 77, 253

Transmembrane electrical potential; Membrane capacitance; Membrane permeability; Membrane stability; Phospholipid bilayer; Undecaprenyl phosphate 77, 89

Transmembrane electrical potential; Membrane capacitance; Membrane permeability; Membrane stability; Phospholipid bilayer; Undecaprenyl phosphate 77, 89

Transverse movement; Phospholipid asymmetry; Fluorescence assay; Dithionite 77, 139

Triacylglycerols; $^{13}\text{C-NMR}$ spectroscopy; Rational functions; Unsaturation 77, 187

Triglycerides; $^1\text{H-NMR}$; Saturated; Acetylenic; (*Z*)-ethylenic; (*E*)-ethylenic; Unsaturated; Triacylglycerols 77, 155

Tritiation; Phospholipids; Radiosynthesis; Phosphatidylglycerol 77, 131

Tubules; Serine amphiphiles; Histidine amphiphiles; 1-yne moiety; Chloroform gel; Helical ribbons; Multilamellar spherical structures 77, 13

Tubules; Synthetic glycolipids; Amino acids; Amphiphiles; Telomers; Vesicles; Fibers; Electron microscopy 77, 225

Undecaprenyl phosphate; Membrane capacitance; Membrane permeability; Membrane stability; Phospholipid bilayer; Transmembrane electrical potential 77, 89

Undecaprenyl phosphate; Membrane capacitance; Membrane permeability; Membrane stability; Phospholipid bilayer; Transmembrane electrical potential 77, 89

Unsaturated; $^1\text{H-NMR}$; Saturated; Acetylenic; (*Z*)-ethylenic; (*E*)-ethylenic; Triacylglycerols; Triglycerides 77, 155

Unsaturation; $^{13}\text{C-NMR}$ spectroscopy; Rational functions; Triacylglycerols 77, 187

Vesicles; Synthetic glycolipids; Amino acids; Amphiphiles; Telomers; Fibers; Tubules; Electron microscopy 77, 225

X-ray; (*1R,4R,5S*)-4-heptadecyl-3,6,8-trioxabicyclo[3.2.1]octane; (*1R,4S,5S*)-4-heptadecyl-3,6,8-trioxabicyclo[3.2.1]octane; Crystal structure; Molecular packing; Nonionic amphiphile 77, 99

1-yne moiety; Serine amphiphiles; Histidine amphiphiles; Chloroform gel; Helical ribbons; Tubules; Multilamellar spherical structures 77, 13

